FIGURE 1

100

114	310

WEB SERVER

110

SERVICES SYSTEM

150	152	154

FILE SERVER

130	132	134

LEGACY STORAGE

NETWORK — 112

116	140

CUSTOMER

118	140

CUSTOMER

120	140

CUSTOMER
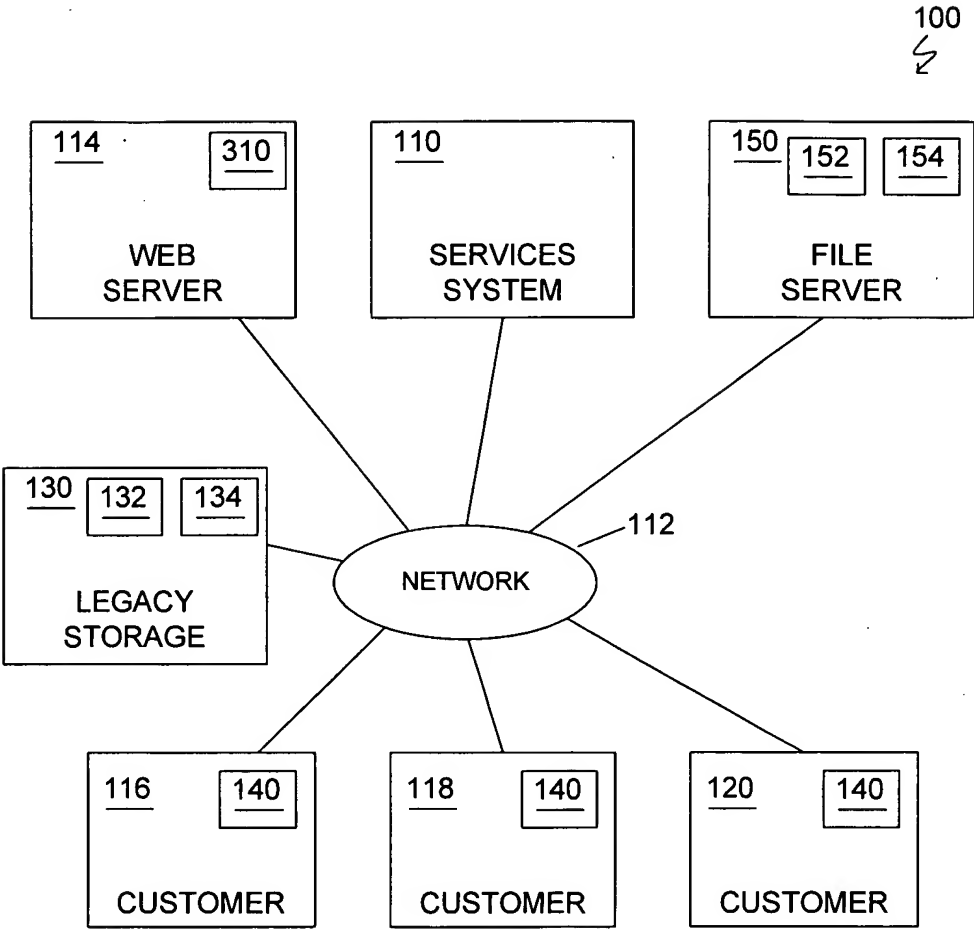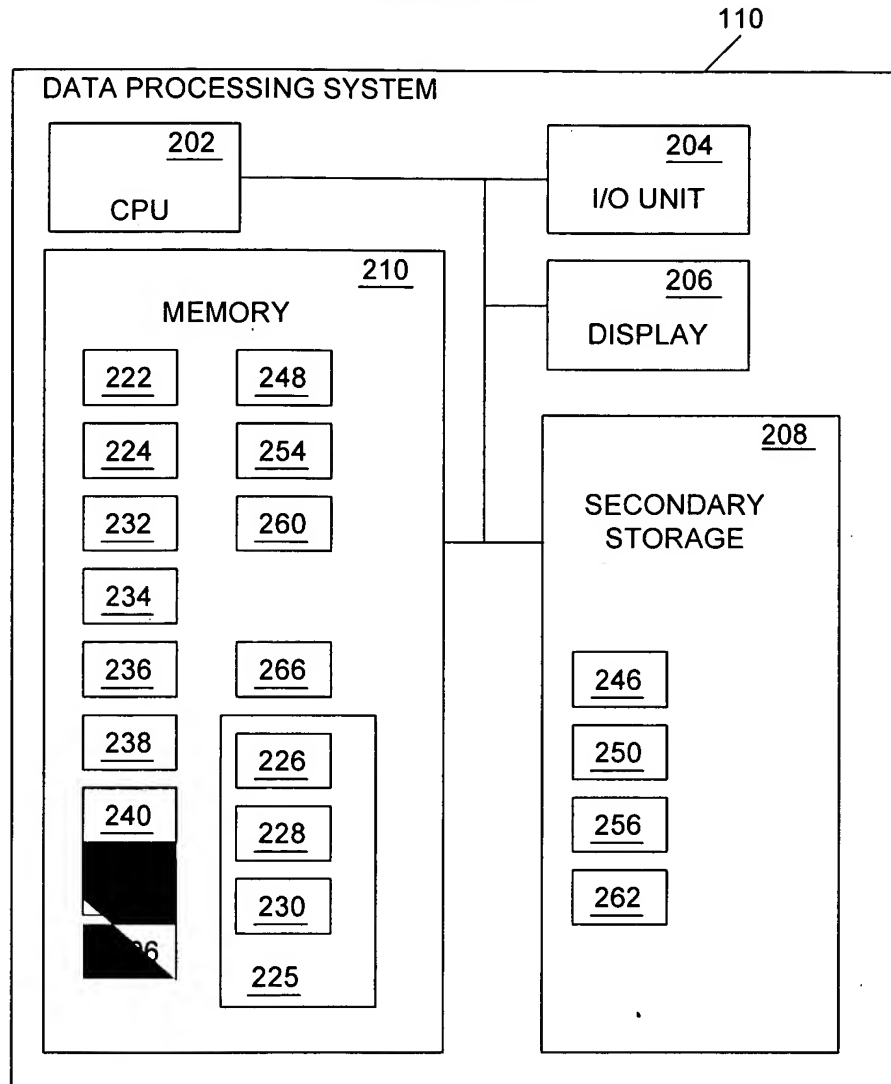
LEGEND
132 - LEGACY DATA STORAGE DEVICE
134 - LEGACY STORAGE CONTROLLER
140 - WEB BROWSER
152 - FILE MANAGER
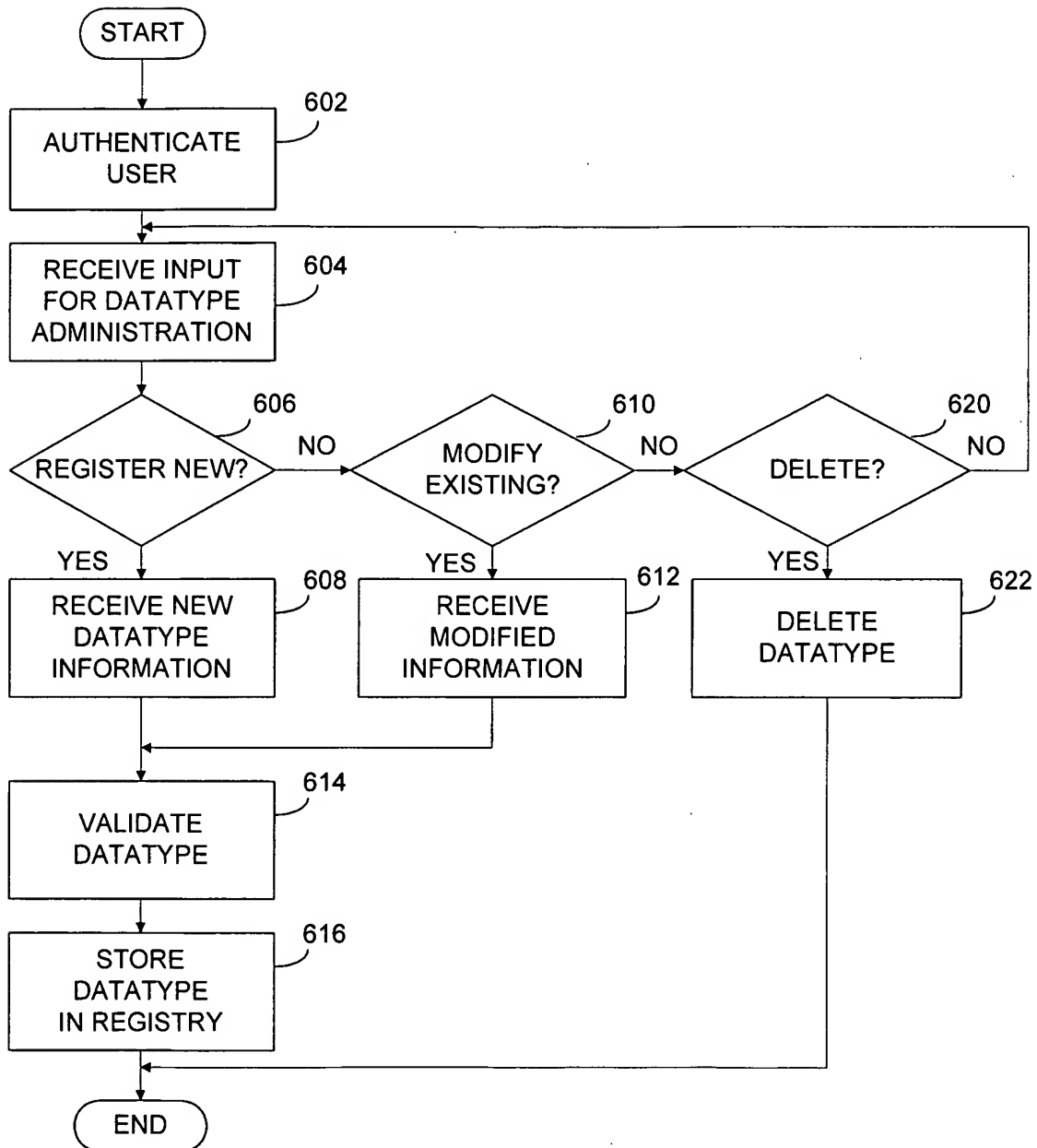154 - FILE SERVER STORAGE
310 - REGISTRATION ADMIN. WEBSITE

FIGURE 2

110

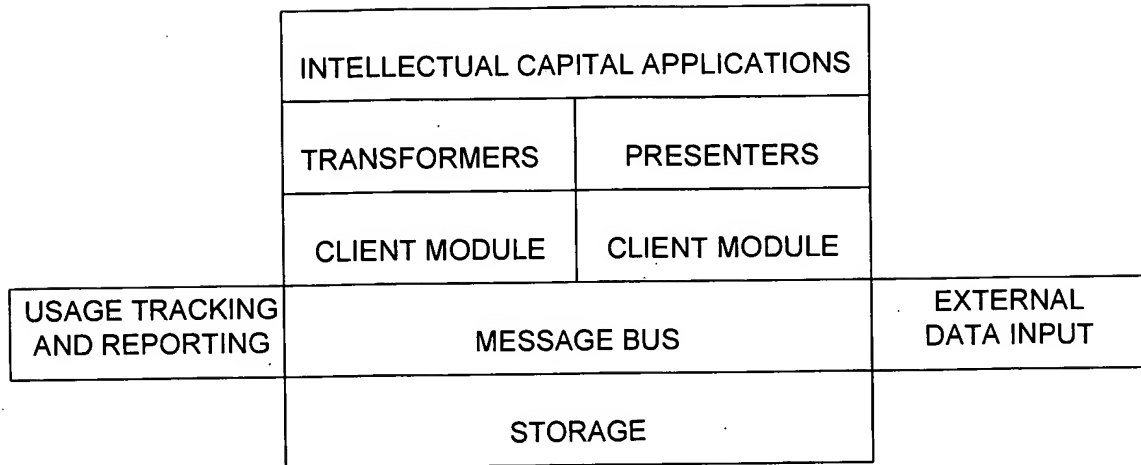## DATA PROCESSING SYSTEM

202 CPU	**204** I/O UNIT

206 DISPLAY

210 MEMORY

222	248
224	254
232	260
234	
236	266
238	226
240	228
6	230
	225

208 SECONDARY STORAGE

246
250
256
262

LEGEND

222 - REGISTRATION BLOCK
224 - BUS MANAGER
225 - STORAGE CONTROLLER
226 - LEGACY STORAGE CONTROLLER
228 - CORE STORAGE CONTROLLER
230 - TEMP. STORAGE CONTROLLER
232 - COMMON SERVICES BLOCK
234 - TRANSFORMER BLOCK
236 - PRESENTER BLOCK
238 - EXTERNAL DATA INPUT MGR.
240 - REGISTRY

242 - VIRTUAL DATABASE
246 - LISTS
248 - PROPERTIES RDBMS
250 - PROPERTIES DATABASE
254 - MESSAGE BROKER CLUSTER
256 - MESSAGE QUEUE REPOSITORY
260 - CLIENT MODULE
262 - LOCAL FILE SYSTEM
266 - MESSAGE QUEUE RDBMS
2206 - DATATYPE MAPPING EDITOR

FIGURE 6

START

AUTHENTICATE
USER — 602

RECEIVE INPUT
FOR DATATYPE
ADMINISTRATION — 604

REGISTER NEW? — 606   NO   MODIFY
EXISTING? — 610   NO   DELETE? — 620   NO

YES   YES   YES

RECEIVE NEW
DATATYPE
INFORMATION — 608

RECEIVE
MODIFIED
INFORMATION — 612

DELETE
DATATYPE — 622

VALIDATE
DATATYPE — 614

STORE
DATATYPE
IN REGISTRY — 616

END

j

FIGURE 9

INTELLECTUAL CAPITAL APPLICATIONS	
TRANSFORMERS	PRESENTERS
CLIENT MODULE	CLIENT MODULE

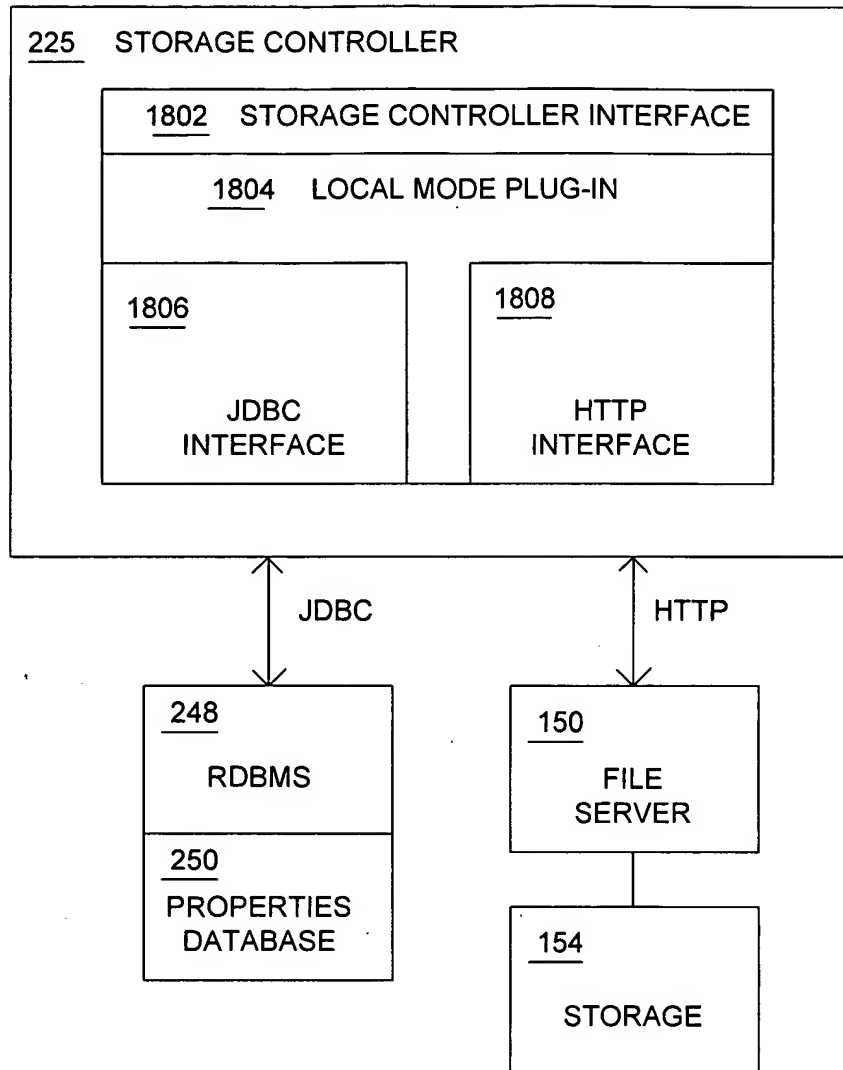| USAGE TRACKING AND REPORTING	MESSAGE BUS	EXTERNAL DATA INPUT
	STORAGE	

RELATIONSHIPS BETWEEN INTELLECTUAL CAPITAL
APPLICATIONS AND OTHER FUNCTIONAL COMPONENTS

FIGURE 18

225 STORAGE CONTROLLER

1802 STORAGE CONTROLLER INTERFACE

1804 LOCAL MODE PLUG-IN

1806

JDBC
INTERFACE

1808

HTTP
INTERFACE

JDBC

HTTP

248

RDBMS

250
PROPERTIES
DATABASE

150

FILE
SERVER

154

STORAGE

FIGURE 19

225 STORAGE CONTROLLER

1802 STORAGE CONTROLLER INTERFACE

1902 REMOTE MODE PLUG-IN

1910 HTTP INTERFACE

HTTP

1904 HTTP INTERFACE

1906 REMOTE SERVER

1806 JDBC INTERFACE

1808 HTTP INTERFACE

JDBC

HTTP

248 RDBMS

250 PROPERTIES DATABASE

150 FILE SERVER

154 STORAGE